

**REMARKS**

Claims 1-20 are pending in this application. By this Amendment, claims 1, 5, 8, 17 and 20 are amended. Support for the amendments to claims 1, 8 and 20 can be found at least at paragraph [0043] and Fig. 7 of the specification. No new matter is introduced.

Applicants thank Examiner Zhu and Supervisory Examiner Poon for the courtesies extended to Applicants representatives Mr. Paul Tsou and Mr. Daniel Tucker during the September 17, 2007 personal interview. The substance of the personal interview is incorporated into the remarks below.

The Office Action rejects claims 1-5, 7-9, 14-17 and 19-20 under 35 U.S.C. §102 over Castelli et al. (U.S. Patent No. 5,748,221); claims 10-13 under 35 U.S.C. §103 over Castelli; and claims 6 and 18 under 35 U.S.C. §103 over Castelli in view of Uchida et al. (U.S. Patent No. 4,816,844). These rejections are respectfully traversed.

As discussed during the personal interview, Castelli discloses using bi-cell detectors 140, 142, 144 and 146 to measure color-to-color registrations errors. See column 6, lines 31-37 and Fig. 1. Castelli discloses using the same chevron mark technology successfully employed in MOB sensors, and incorporates U.S. Patent No. 5,287,162 ('162 patent) by reference to describe chevron mark and bi-cell detector technologies. See column 6, lines 31-33 and 4-8. As can be seen from the '162 patent, DeJong measures color misregistration by passing marks under detectors D1 and D2 and comparing the *time* at which each mark passes under each detector in order to determine misregistration. Fig. 4 shows such a timing diagram for determining misregistration. Thus, as discussed during the personal interview DeJong and Castelli use *timing* to determine color misregistration and not a *color value* detected the spectrophotometric analysis of the registration patch, as recited in claim 1 and similarly recited in claims 8 and 20. In view of the above, Castelli does not disclose or suggest the subject matter recited in claims 1, 8 and 20. Claims 2-7 depend from claim 1, and

claims 9-19 depend from claim 8. Thus, Castelli does not disclose or suggest the subject matter recited in claims 1-20. Accordingly, Applicants respectfully request withdrawal of the rejections of claims 1-5, 7-17 and 19-20 under 35 U.S.C. §102 and claims 6 and 18 under 35 U.S.C. §103.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1-20 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,

A handwritten signature in dark ink, appearing to be 'James A. Oliff', is written over a horizontal line.

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Date: September 18, 2007

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